

Amendments to the Claims

This listing of claims will replace all prior versions and listings of claims in the application.

Listing of Claims:

Claims 1-29 (Cancelled).

30. (New) A head suspension comprising:

a load beam region comprising a substantially planar portion bounded on opposing

sides by respective first and second stiffener rails;

a bend region comprising first and second strut members extending from said load

beam region;

a mounting region coupled to the first and second strut members to form a central

aperture bounded by the mounting region, the first and second strut members

and the planar portion of the load beam region; and

a damping material secured to the planar portion of the load beam region between

said first and second rails, said material partially spanning the central

aperture.

31. (New) The head suspension of claim 30, further comprising a damping material support structure which partially supports said layer, the dampening material support

structure comprising a cantilever projection which extends from the planar portion of the load beam region into the central aperture between the first and second struts.

32. (New) The head suspension of claim 30, further comprising a head suspended at one end of the planar portion of the load beam region opposite the mounting region.

33. (New) The head suspension of claim 30, wherein the mounting region is coupled to a rigid actuator arm.

34. (New) The head suspension of claim 30, wherein the damping material is secured to the planar portion of the load beam region symmetrically across a longitudinal axis which bisects the planar portion along a length thereof and terminates at a data transducer supported at a distal end thereof.

35. (New) The head suspension of claim 30, wherein the damping material spans a plurality of isolation channels adjacent to the damping material support structure.

36. (New) The head suspension of claim 30, further comprising at least one mass adjustment area which extends through the planar portion of the load beam region.

37. (New) A head suspension comprising:

a longitudinally extending load beam region configured to support a data transducer at a first end thereof, said load beam region comprising a substantially planar

portion bounded on opposing sides by respective first and second stiffener rails;

a bend region extending from the load beam region opposite the data transducer and comprising spaced apart, first and second strut members;

a mounting region coupled to the first and second strut members opposite the load beam region, wherein a central aperture is formed bounded by the mounting region, the first and second strut members and the planar portion of the load beam region; and

a layer of dampening material affixed to the planar portion of the load beam region between said first and second rails, said layer partially spanning the aperture.

38. (New) The head suspension of claim 37, further comprising a damping material support structure which partially supports said layer, the dampening material support structure comprising a cantilever projection which extends from the planar portion of the load beam region into the central aperture between the first and second struts.

39. (New) The head suspension of claim 37, further comprising a head suspended at one end of the planar portion of the load beam region opposite the mounting region.

40. (New) The head suspension of claim 37, wherein the mounting region is coupled to a rigid actuator arm.

41. (New) The head suspension of claim 37, wherein the damping material is secured to the planar portion of the load beam region symmetrically across a longitudinal axis.

42. (New) The head suspension of claim 37, wherein the damping material spans a plurality of isolation channels adjacent to the damping material support structure.

43. (New) The head suspension of claim 37, further comprising at least one mass adjustment area .

44. (New) A head suspension comprising:

a mounting region;

a bend region adjacent the mounting region comprising:

an aperture defined by a plurality of bend members; and

a cantilevered damping material support structure extending into the aperture

to define at least one isolation channel;

a load beam region adjacent the bend region defined by a plurality of stiffening

rails; and

a damping material secured to the load beam region between the stiffening rails and

to the bend region partially spanning the damping material support structure

and isolation channels.

45. (New) The head suspension of claim 44, further comprising a head suspended at one end of the planar portion of the load beam region opposite the mounting region.

46. (New) The head suspension of claim 44, wherein the mounting region is coupled to a rigid actuator arm.

47. (New) The head suspension of claim 44, wherein the damping material is secured to the planar portion of the load beam region symmetrically across a longitudinal axis.

48. (New) The head suspension of claim 44, wherein the damping material spans a plurality of isolation channels adjacent to the damping material support structure.

49. (New) The head suspension of claim 44, further comprising at least one mass adjustment area.